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Montana Oil and Gas STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIV, No. 2 — 3 — February, 1966

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1966, averaged 97,415 barrels daily, an increase of 3,606 barrels from the average January production of 93,809.

The nine refineries in state processed 95,919 barrels of crude oil daily for the month of February, 1966, an increase of 5,497 barrels from the 90,422 barrels processed daily during the month of January, 1966.

During February, 47 wells were completed, 22 oil, 0 gas wells and 25 dry holes.

During February, the commission issued 29 permits to drill new wells, an increase of 2 from 27 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1966

IN STORAGE FEBRUARY 1st	
By Producers	368,254
By Transporters	1,035,310
By Refiners	576,373
TOTAL STORAGE	1,979,937
Produced in Montana During Month	2,727,627
Imported During Month	1,797,780
TOTALS	6,505,344
DISPOSITION:	
Refined in Montana	2,685,749
Exported	1,823,204
Used for Fuel or Lost	10,133
TOTAL	4,519,086
IN STORAGE FEBRUARY 28th:	
By Producers	353,895
By Transporters	1,021,791
By Refiners	610,572
TOTAL STORAGE	1,986,258

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1966

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	115,620
Bowdoin	305,352
Bowes	47,578
Cabin Creek	82,619
Cedar Creek	367,540
Cut Bank (Including Reagan)	643,361
Devon	0
Dry Creek	165,757
Elk Basin	21,310
Flat Coulee	4,601
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	1,503
Keith Block	460,210
Kevin Sunburst	70,282
Lake Basin	99,662
Middle Butte	8,794
Mt. Lilly	10,670
Pine	56,225
Plevna	13,488
Utopia	88,858
Whitlash	128,537
Miscellaneous	205,887
TOTAL	2,897,854

Total withdrawals for February, 1965 were 2,517,481 M Cu. Ft.

PRODUCERS REPORT—MONTH OF FEBRUARY, 1966

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	670	6,575	.....	6,826	.....	419
4	Bannatyne	4	1,590	876	.....	972	.....	1,494
1	Bascom	1	137	69	.....	.....	.....	206
3	Bear's Den	4	1,222	1,775	.....	1,523	.....	1,474
1	Belfry	1	315	95	.....	199	.....	211
1	Benrud	1	613	3,085	3,247	.....	.....	451
1	Benrud East	1	897	8,406	8,189	.....	.....	1,114
1	Benrud Northeast	1	604	12,396	11,915	.....	.....	1,085
8	Big Wall	24	2,518	14,435	14,204	.....	.....	2,749
7	Blackfoot	9	1,473	4,486	2,232	2,532	.....	1,195
1	Blackfoot East	1	652	64	.....	.....	.....	716
2	Border	2	.....	1,140	.....	1,140	.....	.....
1	Bowes	51	8,336	10,047	10,494	.....	.....	7,889
2	Bradley	2	527	979	884	.....	.....	622
....	Brady	....	72	.....	.....	.....	.....	72
1	Bynum	1	271	.....	.....	.....	.....	271
2	Cabin Creek	103	6,807	236,719	236,990	.....	.....	6,536
17	Cat Creek	91	2,785	15,029	15,629	.....	.....	2,185
1	Clark's Fork	1	75	2	.....	.....	2	75
3	Conrad South	5	807	968	961	.....	.....	814
1	Cupton	1	1,655	1,215	.....	1,215	.....	1,655
178	Cut Bank	1,079	101,372	329,469	321,118	4,106	1,473	104,144
3	Deer Creek	3	1,870	3,627	3,230	.....	.....	2,267
1	Delphia	1	317	19	.....	199	.....	137
....	Devil's Basin	....	451	.....	.....	.....	.....	451
1	Dry Creek	1	61	217	.....	188	.....	90
14	Dwyer	15	6,554	28,210	29,540	.....	.....	5,224
4	Elk Basin	54	1,992	234,244	234,319	.....	.....	1,917
5	Elk Basin Northwest	16	2,544	21,874	21,921	.....	.....	2,497
1	Fairview	1	995	15,012	.....	14,673	.....	1,334
3	Fertile Prairie	3	906	1,965	.....	1,584	.....	1,287
25	Flat Coulee	31	5,816	23,875	23,435	1,396	.....	4,860
24	Flat Lake	37	11,114	93,197	97,021	.....	(28)	7,318
2	Frannie	2	.....	1,168	1,168	.....	.....	.....
14	Fred & George Creek	35	2,542	132,369	132,628	598	.....	1,685
1	Gage	1	237	305	.....	167	.....	375
....	Gage Southwest	....	187	.....	.....	.....	.....	187
4	Gas City	28	5,111	58,035	47,822	11,549	.....	3,775
9	Glendive	15	3,822	36,399	30,112	6,357	.....	3,752
19	Goose Lake	21	3,942	62,545	62,370	.....	.....	4,117
6	Graben Coulee	10	2,566	4,028	2,563	1,270	152	2,609
....	Grandview	....	112	.....	.....	.....	.....	112
5	Gypsy Basin	7	4,241	3,762	588	501	.....	6,914
1	Hibbard	1	226	454	.....	399	.....	281
7	Ivanhoe	13	3,980	22,379	22,130	.....	.....	4,229
9	Keg Coulee	24	5,074	22,146	22,132	.....	.....	5,088
2	Keg Coulee North	2	667	2,663	2,655	.....	.....	675
114	Kevin Sunburst	627	18,547	32,009	31,651	.....	177	18,728
2	Little Beaver	26	5,057	22,028	23,570	.....	.....	3,515
2	Little Beaver East	14	1,621	17,028	16,649	.....	.....	2,000
2	Lodge Grass	2	1,036	1,632	.....	1,068	.....	1,600
3	Lone Tree	3	1,456	4,000	.....	4,000	.....	1,456
23	Lookout Butte	69	5,215	110,633	105,847	5,995	596	3,410
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	333	2,336	2,088	.....	.....	581
2	Melstone	4	1,360	2,329	2,677	.....	.....	1,012
1	Mineral Bench	1	668	4,244	4,349	.....	.....	563
1	Miner's Coulee	1	.....	295	295	.....	.....	.....
6	Monarch	13	3,731	10,857	11,467	.....	.....	3,121
4	Mosser	4	.....	579	.....	579	.....	.....
7	Outlook	12	7,209	43,392	44,018	.....	.....	6,583
2	Outlook South	2	1,428	2,065	2,505	.....	.....	988
66	Pennel	112	7,029	157,229	159,277	.....	.....	4,981
4	Pine	126	14,882	295,763	295,438	.....	.....	15,207
4	Pole Creek	6	1,652	2,186	.....	2,674	.....	1,164
66	Pondera	304	8,927	27,957	28,177	.....	.....	8,707
5	Poplar East	72	11,902	73,994	75,755	.....	.....	10,141
4	Poplar Northwest	5	1,690	1,684	1,461	.....	.....	1,913
....	Prairie Elk	....	1,188	.....	.....	.....	.....	1,188
4	Ragged Point	13	2,927	3,905	5,092	.....	.....	1,740
2	Ranch Creek	2	530	2,707	.....	2,313	3	921
3	Reagan	42	2,921	16,044	16,723	.....	.....	2,242
1	Red Creek	27	261	23,959	23,733	170	.....	317
1	Redstone	1	435	880	818	.....	.....	497
1	Repeat	1	125	1,485	.....	1,400	.....	210
1	Richey	1	2,099	364	342	.....	.....	2,121
6	Richey Southwest	8	4,105	9,633	.....	10,286	.....	3,452
4	Sand Creek	5	.....	5,364	5,364	.....	.....	.....
....	Shotgun Creek	....	143	.....	.....	.....	.....	143
2	Sidney-Brorson	2	2,190	1,940	.....	1,855	.....	2,275
1	Snyder	3	2,031	666	.....	470	.....	2,227
5	Soap Creek	9	4,322	2,951	.....	1,917	.....	5,356
2	Spring Lake	3	3,427	3,727	.....	3,666	.....	3,488
2	Stensvad	24	5,039	27,418	26,801	.....	.....	5,656
28	Sumatra	71	11,810	68,813	70,230	.....	.....	10,393
5	Tule Creek	7	2,792	41,921	.....	42,440	.....	2,273
2	Tule Creek East	2	376	30,505	19,744	10,858	.....	279
1	Tule Creek South	1	550	3,848	.....	3,660	.....	738
2	Vida	2	537	2,350	.....	2,288	.....	599
4	Volt	6	2,687	17,083	17,956	.....	.....	1,814
7	Weldon	18	9,118	171,075	171,558	.....	.....	8,635
12	Whitlash	40	7,904	18,920	17,523	2,588	.....	6,713
1	Whitlash West	1	140	214	214	.....	.....	140
2	Wills Creek South	2	1,263	8,582	8,515	.....	.....	1,330
8	Wolf Springs	13	4,469	29,079	31,634	.....	(2,687)	4,601
3	Woodrow	4	498	4,356	4,231	.....	.....	623
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
....	Wildcat, Glacier County	....	126	.....	.....	.....	.....	126
....	Wildcat, Liberty County	....	305	.....	.....	.....	.....	305
1	Wildcat, Roosevelt County	1	370	685	.....	784	.....	271
1	Wildcat, Sheridan County	1	277	590	.....	693	.....	174
830	Totals	3,424	368,253	2,727,627	2,585,199	157,098	(312)	353,895

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1965	32,778,118	89,803	32,787,648	89,829
January, 1966	2,908,090	93,809	2,863,704	92,377
February, 1966	2,727,627	97,415	2,742,297	97,939

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1965	331,221	946,634	498,990	1,776,845
January, 1966	368,253	1,035,310	576,373	1,979,936
February, 1966	353,895	1,021,791	610,572	1,986,258

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF FEBRUARY, 1966

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			6,826				6,826		
BANNATYNE—Truck			972			972			
BEAR'S DEN—Truck			1,523					1,523	
BELFRY—Truck			199					199	
BIG WALL—Continental Pipeline Co.		15,004				15,004			
BLACKFOOT—									
Union Oil Co.		2,232				2,232			
Thompson Crude Purchasing			2,532			2,532			
		2,232	2,532			4,764			
BORDER—Truck			1,140				1,140		
BOWES—Texaco Inc.		10,494				10,494			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	367,390	801,153	45,027	716,181			1,584,164		345,587
Shell Pipeline Co.	4,241	287,923		707	2,896			285,256	4,719
	371,631	1,089,076	45,027	716,888	2,896		1,584,164	285,256	350,306
CAT CREEK—Continental Pipeline Co.		11,525				11,525			
CUT BANK—									
Darling Gathering System, Inc.	5,202	21,427						19,633	6,996
Continental Pipeline Co.			8,041	438,734		446,775			
Phillips Petroleum Co.	70,661	57,789		61,185	532	99,127			89,976
Texas Pipeline Co.	21,322	50,761		12,645	9			65,602	19,117
Union Oil Co.	77,341	77,027		7,960	4,300	88,729			69,299
Western Oil Trans. Co.	38,926	45,309		120,412	452			172,969	31,226
Western Oil Trans. (Moulton)		94,739			947			93,792	
Portal Pipeline Co.		2,333					2,333		
	213,452	349,385	8,041	640,936	6,240	634,631	2,333	351,996	216,614
DELPHIA—Truck			199			199			
DRY CREEK—Truck			188			188			
DWYER—Portal Pipeline Co.		30,013					30,013		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		255,120				255,120			
FAIRVIEW—Rock Island Oil & Ref. Co.			14,673				14,673		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	18,165						21,165	
FLAT LAKE—Portal Pipeline Co.		97,719					97,719		
FRANNIE—Interstate Pipeline Co.		1,168						1,168	
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	11,066	129,888				6,427		127,413	7,114
GAGE & GAGE S.W.—Truck			167			167			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	3,643	42,889			(1,280)			36,802	11,010
GOOSE LAKE—Portal Pipeline Co.		61,988					61,988		
HIBBARD—Truck			399			399			
IVANHOE—Continental Pipeline Co.		19,338				19,338			
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		24,126				16,677	7,449		
KEVIN SUNBURST—									
Big West Oil Co.	2,991	71,807				69,486			5,312
Homestake Oil & Gas Co.	4,779	2,186		19,632	3,064	21,000			2,533
Texas Pipeline Co.	8,373	12,657			113			12,645	8,272
	16,143	86,650		19,632	3,177	90,486		12,645	16,117
LODGE GRASS—McWood Corp.			1,068			1,068			
LONE TREE—Truck			4,000				4,000		
MASON LAKE—Continental Pipeline Co.		2,088				2,088			
MELSTONE—Continental Pipeline Co.		2,677				2,677			
MOSSER—Truck			579					579	
POLE CREEK—Truck			2,674				2,674		
PONDERA—Phillips Petr. Co.	8,498	28,381			256	29,811			6,812
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	18,183	220,381			(3,479)			222,371†	19,672
RAGGED POINT—									
Continental Pipeline Co.		4,164				4,164			
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,313		53		2,260		
RED CREEK—									
Western Oil Transportation Co.		23,903			239			23,664	
SIDNEY-BRORSON—McWood Corp.	2,876		1,855	4,851				6,231	3,351
SNYDER—Truck			470			470			
SOAP CREEK—McWood Corp.	4,489		1,917	1,233				6,241	1,398
SPRING LAKE—									
Rock Island Oil & Ref. Co.			3,666				3,666		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	377,780	96,287		256,928	85	78,473		269,496	382,941
TULE CREEK—Tesoro Petr. Corp.	4,549		53,298			51,391			6,456
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		17,739				17,739			
Thompson Crude Purchasing			2,588			2,588			
		17,739	2,588			20,327			
WOLF SPRINGS—									
Continental Pipeline Co.		28,886				28,886			
WILDCAT WELLS—Truck			784			784			
TOTALS	1,035,310	2,669,286	157,098	1,640,468	8,187	1,286,530	1,818,905	1,366,749	1,021,791

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF FEBRUARY, 1966

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	15,004	.....	.....	.....	.....	.....	15,004
Bowes	.....	.....	10,494	.....	.....	.....	.....	.....	.....	10,494
Cat Creek	.....	8,993	.....	.....	.....	5,510	.....	.....	.....	14,503
Cut Bank	.....	.....	.....	.....	.....	55	63,983	.....	52,114	116,152
Delphia	.....	.....	.....	.....	.....	909	.....	.....	.....	909
Devil's Basin	.....	.....	.....	.....	.....	32	.....	.....	.....	32
Dry Creek	.....	.....	.....	.....	.....	173	.....	.....	.....	173
Elk Basin	.....	95,640	.....	63,156	96,325	.....	.....	.....	.....	255,121
Fred & George Creek	6,427	.....	.....	27,372	.....	.....	.....	.....	.....	33,799
Gage & Gage S.W.	.....	.....	.....	.....	.....	1,062	.....	.....	.....	1,062
Hibbard	.....	.....	.....	.....	.....	1,229	.....	.....	.....	1,229
Ivanhoe	.....	19,338	.....	.....	.....	.....	.....	.....	.....	19,338
Keg Coulee	.....	5,812	.....	10,865	.....	.....	.....	.....	.....	16,677
Kevin Sunburst	51,212	.....	.....	.....	.....	.....	.....	.....	.....	51,212
Lodge Grass	.....	1,068	.....	.....	.....	.....	.....	.....	39,274	40,342
Mason Lake	.....	2,088	.....	.....	.....	.....	.....	.....	.....	2,088
Melstone	.....	.....	.....	2,677	.....	.....	.....	.....	.....	2,677
Pondera	.....	.....	.....	.....	.....	.....	65,307	.....	.....	65,307
Ragged Point	.....	4,164	.....	.....	.....	.....	.....	.....	.....	4,164
Red Creek	.....	.....	.....	.....	48,993	.....	.....	.....	.....	48,993
Richey Southwest	.....	.....	.....	.....	.....	895	.....	.....	.....	895
Sand Creek	.....	.....	.....	.....	.....	958	.....	.....	.....	958
Snyder	.....	470	.....	.....	.....	.....	.....	.....	.....	470
Soap Creek	.....	1,917	.....	.....	.....	.....	.....	.....	.....	1,917
Sumatra & Stensvad	.....	17,400	.....	61,073	9,928	.....	.....	.....	.....	88,401
Tule Creek	.....	.....	.....	.....	.....	.....	.....	51,391	.....	51,391
Whitlash	17,739	.....	.....	.....	.....	.....	.....	.....	.....	17,739
Wolf Springs	.....	.....	.....	.....	26,922	.....	.....	.....	.....	26,922
Total Montana Oil	75,378	156,890	10,494	180,147	182,168	10,823	129,290	51,391	91,388	887,969
Canadian Oil Imported	.....	415,890	.....	.....	.....	.....	.....	.....	1,012	416,902
Wyoming Oil Imported	.....	272,663	.....	294,083	814,045	87	.....	.....	.....	1,380,878
Total Montana, Canadian and Wyoming Oil	75,378	845,443	10,494	474,230	996,213	10,910	129,290	51,391	92,400	2,685,749

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1965	32,792	12,751	44,980	90,523
February, 1965	32,677	12,723	44,835	90,235
February, 1966	31,713	14,889	49,317	95,919

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1965	36.22%	14.10%	49.68%
February, 1965	36.21%	14.11%	49.68%
February, 1966	33.06%	15.53%	51.41%